

Title (en)  
Detector device

Title (de)  
Detektorvorrichtung

Title (fr)  
Dispositif de détection

Publication  
**EP 2560188 B1 20200422 (DE)**

Application  
**EP 12179402 A 20120806**

Priority  
DE 102011052738 A 20110816

Abstract (en)  
[origin: EP2560188A1] The detector apparatus (1) has a housing (4) in which a detector (5) is arranged. A cooling component (11) is in direct contact with detector for cooling the detector. An electrically insulating structure (12) is provided to insulate the detector with respect to housing. The detector is provided with a light sensor e.g. photocathode (8) that is arranged on a substrate (7) for receiving to be detected light entering through an entry optic (9) of housing.

IPC 8 full level  
**H01J 40/02** (2006.01); **H01J 40/16** (2006.01); **H01J 43/02** (2006.01); **H01J 43/28** (2006.01)

CPC (source: EP US)  
**H01J 40/02** (2013.01 - EP US); **H01J 40/16** (2013.01 - EP US); **H01J 43/02** (2013.01 - EP US); **H01J 43/28** (2013.01 - EP US);  
**H01L 31/024** (2013.01 - US)

Citation (examination)

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- US 2006140462 A1 20060629 - SAGGAU PETER [US], et al
- MOTOHIRO SUYAMA ET AL: "PHOTOMULTIPLIERS: Hybrid detector combines PMT and semiconductor-diode technologies", LASER FOCUS WORLD, 1 March 2008 (2008-03-01), pages 1 - 8, XP055565747, Retrieved from the Internet <URL:https://www.laserfocusworld.com/articles/2008/03/photomultipliers-hybrid-detector-combines-pmt-and-semiconductor-diode-technologies.html> [retrieved on 20190307]

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Designated contracting state (EPC)  
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